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REPORT

STATISTICAL

REPORT NO. 136-87
September 23, 1987

U.S. Foreign Trade in Machine Tools First Six Months of 1987

During the first six months of 1987, U.S. exports increased 26% from the same period in 1986, to $319.9 million. U.S. imports fell 1% from last year's total to stand at $1,044.6 million for the first half of 1987. This resulted in a machine tool trade deficit of $724.7 million, 9% lower than the deficit recorded at the end of June 1986.

The table below details U.S. foreign trade in machine tools for both the second quarter and the first half of 1987. Highlights of the foreign trade activity in general and for specific countries are presented on the following pages.

U.S. Machine Tool Trade
($Millions)

	2nd Quarter 1987			6 months 1987		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 92.9	$396.4	($303.5)	$178.1	$ 782.0	($ 603.9)
Metal Forming	$ 71.1	$159.6	($ 88.5)	$141.7	$ 262.6	($ 120.9)
Total	$164.0	$556.0	($392.0)	$319.9	$1,044.6	($ 724.7)

EXPORTS

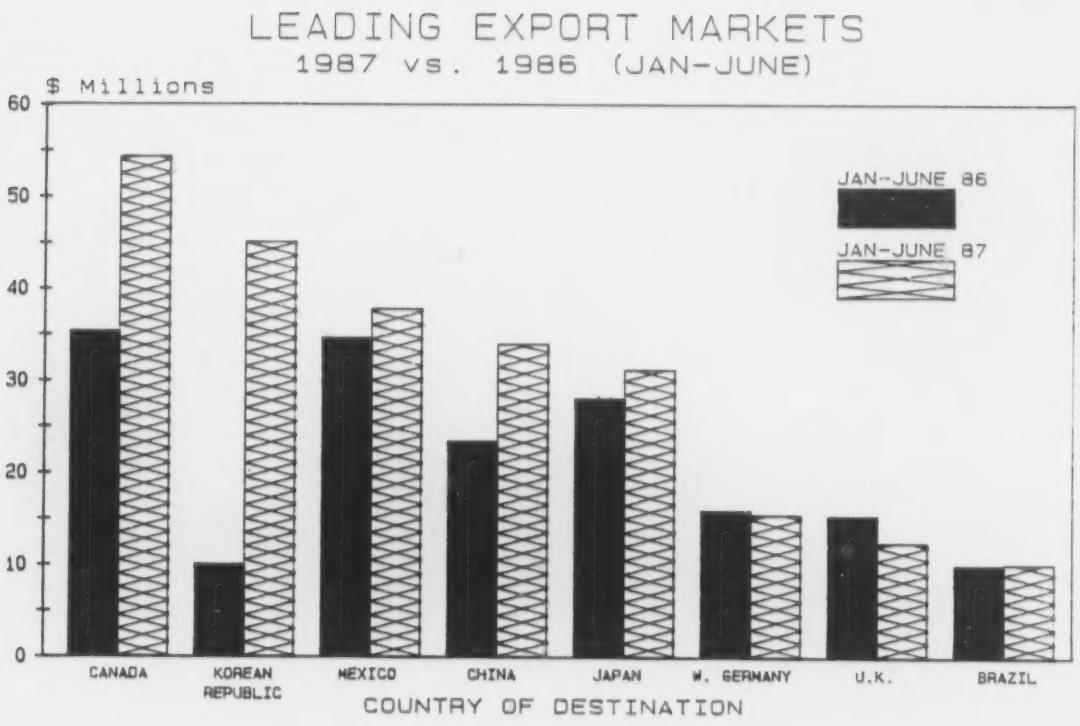
Compared to the first six months of 1986, exports of metal cutting machinery rose 11% while metal forming exports jumped 51%. Comparisons on a regional basis are shown on the following page for the first six months of 1987 and 1986.

	Jan-June 1987 (Millions)	Jan-June 1986 (Millions)	% Change
Asia	$134.1	$ 97.3	+ 37.8%
N & C America	94.0	71.5	+ 31.5
Europe	65.2	64.0	+ 1.9
South America	16.3	15.4	+ 5.8
Oceania	5.8	4.5	+ 28.9
Africa	4.5	1.6	+181.3
	$319.9	$254.4	+ 25.7%

Exports to eight countries represented 75% of total U.S. machine tool exports. Ranked by dollar value for January through June, the leading markets were:

	U.S. Exports-1987		U.S. Exports-1986		%Change 87:86
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Canada	$ 54.3	17.0%	$ 35.3	13.9%	+ 53.8%
Korean Republic	45.0	14.1	10.0	3.9	+350.0
Mexico	37.7	11.8	34.6	13.6	+ 9.0
China	33.9	10.6	23.4	9.2	+ 44.9
Japan	31.1	9.7	28.0	11.0	+ 11.1
West Germany	15.4	4.8	15.9	6.3	- 3.1
United Kingdom	12.4	3.9	15.3	6.0	- 19.0
Brazil	10.2	3.2	10.0	3.9	+ 1.0
	$239.8	75.0%	$172.5	67.8%	+ 39.0%

Canada was the leading market for U.S. machine tools in the first half of 1987, accounting for 17% of total U.S. exports. Metal cutting exports to Canada totaled $33.0 million for January through June, up 71% from the same period last year. Exports of metal forming machinery stood at $21.4 million, up 34% from last year's level of $16.0 million.



U.S. exports to the Korean Republic increased substantially for both metal cutting and metal forming machine tools during the first half of 1987. Metal cutting exports climbed 225%, rising from $6.5 million to $21.0 million, while metal forming exports jumped 579%, up from $3.5 million to $24.0 million for the current period. The Korean Republic's total export share gained 10 percentage points to a level of 14%.

Mexico's share of U.S. exports rose 2 percentage points from last year's level, to 12%. Metal cutting exports remained virtually unchanged from the first half of 1986 to stand at $23.0 million. Metal forming exports displayed a 26% rise over last year, to $14.7 million.

Metal cutting exports to China during the first half of 1987 were $17.6 million, 10% below the comparable 1986 total. Exports of metal forming machine tools increased 210% over last year, up from $5.8 million to $18.1 million. This activity amounted to an 11% total export share for China, a rise of 2 percentage points from last year.

U.S. exports to Japan represented 10% of total machine tool exports for the first six months of 1987. Metal cutting exports fell 24%, down from $20.0 million to $15.2 million. Metal forming exports, at $15.8 million, were up 98% from the $8.0 million registered for the first half of 1986.

West Germany's share of total U.S. exports stood at 5% for the first six months of 1987, down from 6% last year. Exports of metal cutting machine tools climbed 56% to $10.5 million while metal forming exports dropped 47% to stand at $4.8 million.

Total exports to the United Kingdom stood at $12.4 million for the current period, down 19% from last year's total of $15.3 million. Metal cutting exports totaled $8.0 million, down 34% from the first half of 1986. Metal forming exports rose 41% from last year to $4.4 million.

Brazil ranked as the eighth leading export market for U.S. machine tools in the first half of 1987 with a total share of 3%, down from 4%. Metal cutting exports fell 38%, from $9.2 million to $5.7 million. Exports for metal forming machinery rose more than six fold from the level registered in 1986, to stand at $4.5 million.

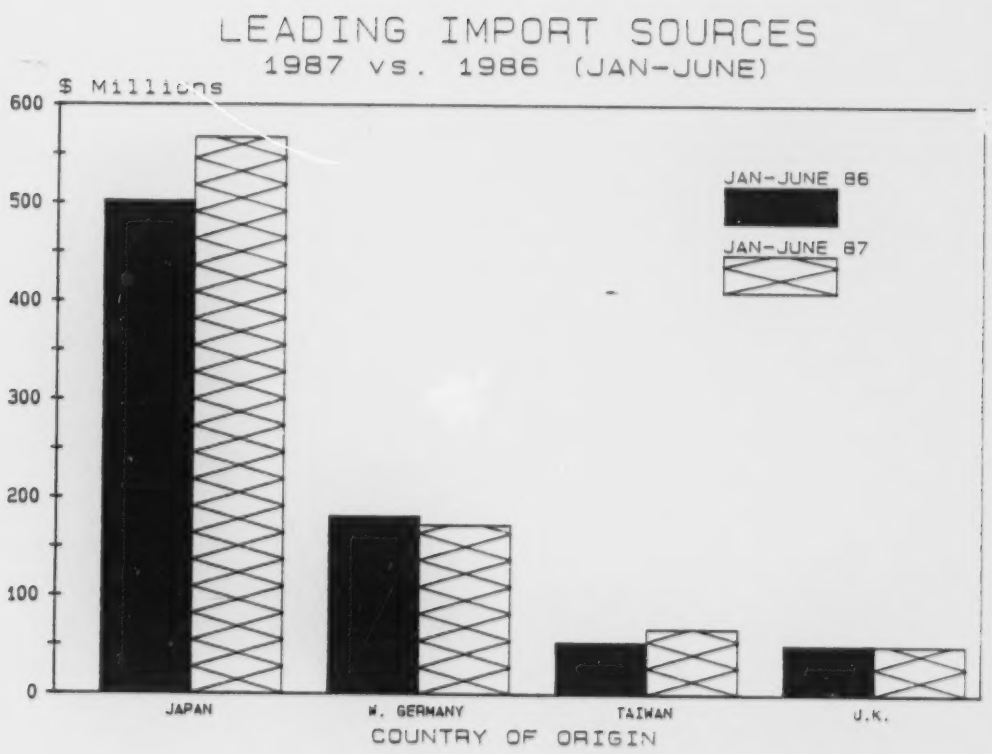
IMPORTS

U.S. imports of machine tools totaled $1,044.6 million during the first half of 1987. Imports of metal cutting machinery totaled $782.0 million and metal forming imports stood at $262.6 million. Compared to the same period last year, metal cutting imports decreased 4% while metal forming imports rose 9%.

Four countries supplied 82% of total U.S. machine tool imports during the first six months of 1987. Increases in dollar value occurred in Japan and Taiwan while decreases were displayed in West Germany and the United Kingdom.

	Jan-June 1987		Jan-June 1986		%Change 87:86
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Japan	$566.3	54.2%	$501.7	47.6%	+12.9%
West Germany	171.6	16.4	180.7	17.1	- 5.0
Taiwan	66.5	6.4	53.2	5.0	+25.0
United Kingdom	49.7	4.8	50.5	4.8	- 1.6
	$854.1	81.8%	$786.1	74.6%	+ 8.7%

Japan was the leading exporter of machine tools to the U.S. in the first half of 1987 with an overall dollar value of $566.3 million, up 13% from last year's level. Imports of metal cutting equipment from Japan rose 5% to $414.1 million. Metal forming imports totaled $152.2 million, a gain of 39%.



Total U.S. imports from West Germany fell 5% from the first half of 1986 to a level of $171.6 million. Both metal cutting and metal forming imports fell from the same period last year, dropping 3% and 11%, respectively. Metal cutting imports stood at $137.0 million and metal forming imports registered $34.6 million.

The overall dollar value of Taiwan's exports to the U.S. rose 25% to $66.5 million. Imports of metal cutting machinery rose 26% from last year, up from $51.5 million to $64.9 million. Metal forming imports fell 2% to $1.6 million.

Imports from the United Kingdom fell 2% to stand at $49.7 million for the first half of 1987. Imports of metal cutting machine tools increased 5% to $39.6 million. The $10.1 million in metal forming imports represents a 22% decrease from the same period last year.

Analysis of Export Restraints

In January of this year Japan and Taiwan began participating in a program of voluntary restraints of their exports of certain types of machine tools to the U.S. These restraints were negotiated as part of President Reagan's machine tool domestic action plan, the program developed by the administration in response to the machine tool industry's section 232 petition.

We have prepared the brief review below as a means of bringing you up to date on the impact of the export restraint program. Please keep in mind that the restraint program is for exports from Japan and Taiwan after January 1, 1987. Because of this, the analysis below, which is presented in terms of U.S. imports of machine tools, may obfuscate changes that have occurred as some early year U.S. imports were actually exported from Japan and Taiwan in late 1986. The data for the first half of 1987 nonetheless appears to indicate that the restraints are leading to a reduced unit volume of Japanese and Taiwanese machine tools entering the U.S. in the categories of machines covered by the agreements. Additionally, to the extent that late 1986 exports exceeded their late 1985 levels in terms of their U.S. market share, any export "surge" will be adjusted out of the 1987 or 1988 export quotas. The data are as follows:

	U.S. IMPORTS IN UNITS			
	Jan-Jun '86 Imports	Jan-Jun '87 Imports	Percent Change	VRA Quota *
JAPAN				
Lathes - NC	1,870	1,496	-20.0%	3,391
Non-NC	160	52	-67.5	236
Milling Machines	198	90	-54.5	369
Machining Centers	1,737	1,253	-27.9	2,036
Punching & Shearing Machines - NC	190	144	-24.2	201
Non-NC	264	334	+26.5	302
TAIWAN				
Lathes - NC	355	184	-48.2	191
Non-NC	950	741	-22.0	1,350
Milling Machines	1,439	1,316	-8.5	2,260
Machining Centers	170	217	+27.6	184

* - The quota figures listed were developed by the U.S. Department of Commerce as of May 1987 and represent annual export limits. The figures are derived by applying historical market share in units to a forecast of U.S. consumption of machine tools in the VRA categories. The quotas are revised quarterly on the basis of actual consumption trends. Therefore the quotas themselves, and the position of the countries with respect to their quota compliance, will change over time.

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U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

RELEASED: SEPTEMBER 18, 1987

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	27	3044	8	434
3045	Gear Cutting Machines, N.E.C.	44	13774	6	1708
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	23	1211	3	364
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	2	417	1	163
3209	Horizontal Machining Centers, ATC, NC	12	3612	0	0
3211	Machining Centers, NC, N.E.C.	104	7666	7	817
3216	Single Station and Multi-Station Transfer Machines	17	7962	5	1900
3225	Way Type Machines (Unit Heads)	9	1809	4	1100
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	612	2	394
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	5	580	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	8	714	3	412
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	15	1508	4	135
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	26	905	0	0
3254	Drilling Machines, NC	12	765	0	0
3255	Drilling Machines, Multi-Spindle, Non-NC	30	1676	0	0
3256	Drilling Machines, Radial, Non-NC	35	322	18	140
3257	Drilling Machines, Upright, Single Spindle, Non-NC	7	173	0	0
3258	Drilling Machines, Non-NC, N.E.C.	88	2120	8	823
3264	Milling Machines, NC	17	3260	1	53
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	12	242	1	6
3267	Milling Machines, Knee Type, Non-NC	0	0	0	0
3268	Milling Machines, Bed Type, Non-NC	0	0	0	0
3269	Milling Machines, Non-NC, N.E.C.	64	2497	4	202
3276	Vertical Boring Machines, Incl. VTLs, NC	4	1114	1	87
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	121	8831	10	679
3281	Boring Machines, NC, N.E.C.	1	245	0	0
3283	Boring Machines, Non-NC, N.E.C.	25	2216	0	0
3503	Horizontal Lathes, Multi-Spindle, NC	4	937	2	297
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	37	3363	3	387
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	7	1111	1	68
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	6	1526	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	40	684	2	27
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	3	115	0	0
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	5	256	0	0
3515	Automatic Bar Machines, Single-Spindle, Non-NC	19	347	2	18
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	24	727	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	326	9952	39	1139
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	3	983	0	0
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	3	760	0	0
3525	Vertical Lathes, Excl. VTLs, Non-NC	55	3923	10	768
3528	Grinding, Polishing, Honing & Lapping Machines, NC	72	8972	13	1098
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	12	1657	0	0
3531	Tool & Cutter Grinding Machines, Non-NC	120	2713	22	622
3532	Honing & Lapping Machines, Non-NC	193	3515	38	507
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	89	1492	9	114
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	158	11471	28	1470
3541	External Grinding Machines, Non-NC	12	596	1	32
3542	Internal Grinding Machines, Non-NC	18	2655	3	865
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	97	5763	9	336
3546	Grinding Machines, Non-NC, N.E.C.	164	6615	66	3645
3547	Traveling Wire Electrical Discharge Machines	5	57	5	57
3549	All Other Electrical Discharge Machines	67	865	28	346
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	10	621	8	479
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	20	669	7	238
3559	Metal Cutting Machine Tools, NC, N.E.C.	30	2178	6	407
3565	Sawing & Cut-Off Machines, Non-NC	233	4092	49	546
3566	Broaching Machines, Non-NC	4	95	1	9
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	93	4680	17	1505
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	2593	20490	808	3850
5000	Metal Cutting Machine Tools, Less Than $2500**	12804	6952	2008	1057
	TOTAL CUTTING			3271	29310
	TOTAL CUTTING YTD	18039	178143		
674: METAL FORMING					
1011	Die Casting Machines & Parts	0	8540	0	1652
3568	Metal Forming Machine Tools, Used Or Rebuilt	407	9424	84	2081
3569	Metal Forming Machine Tools, Less Than $2500	4198	2399	718	465
3571	Punching & Shearing Machines, Incl. Combination, NC	37	4130	6	597
3573	Shearing Machines, Non-NC	35	2249	3	105
3575	Punching & Combination Punching & Shearing Machines, Non-NC	317	4968	56	777
3578	Bending, Folding, Straightening & Flattening Machines, NC	44	2535	11	192
3582	Press Brakes, Non-NC	16	351	0	0
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	8	945	0	0
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	329	10487	56	2084
3588	Mechanical Presses	108	8097	24	1204
3589	Hydraulic Presses, Vertical, Single Action	19	3355	3	115
3590	Hydraulic & Pneumatic Presses	375	24003	53	5335
3594	Headers & Upsetters, Non-NC	39	6667	8	1131
3595	Forging Machines, Non-NC, N.E.C.	119	4229	3	175
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	463	49346	80	6459
	TOTAL FORMING			1105	22377
	TOTAL FORMING YTD	6514	141741		
	TOTAL ALL TYPES			4376	51687
	TOTAL ALL TYPES YTD	24553	319884		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.
**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	2	252	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	1	121	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	10	679	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	11	579	0	0	0	0	1	21	0	0
3529	0	0	0	0	1	269	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	5	56	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	3	62	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	1	150	0	0	0	0	0	0
5000	0	0	11	8	0	0	1	45	0	0
CUT MO.	11	579	23	957	1	269	0	0	0	0
CUT YTD	13	642	427	9016	1	269	12	437	0	0
							149	2661	27	92
1011	0	12	0	0	0	0	0	23	0	0
3568	0	0	1	10	0	0	0	0	0	0
3569	0	0	0	0	0	0	14	11	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	1	17
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	4	190	0	0	11	272	0	0
FRM MO.	0	12	5	200	0	0	25	306	1	17
FRM YTD	3	202	221	624	9	189	99	1865	9	340
TOT MO.	11	591	28	1157	1	269	37	743	1	17
TOT YTD	16	844	648	9640	10	458	248	4526	36	432

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	15	70	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	2	304
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	1	16	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	2	522	0	0	1	18
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	1	144	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	1	38	11	103	0	0	1	20	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	7	49	0	0	0	0	0	0	0	0
5000	54	6	114	24	0	0	2	2	2	3
CUT MO.	63	108	125	127	17	592	4	166	5	325
CUT YTD	280	2631	190	1417	21	1361	184	784	15	519
1011	0	305	0	8	0	0	0	0	0	62
3568	2	37	0	0	0	0	0	0	6	15
3569	11	6	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	2	13	0	0	0	0	0	0
3575	0	0	1	35	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	37	0	0	0	0	4	214	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	2	581	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	2	872	0	0	0	0	5	59
FRM MO.	16	966	5	927	0	0	4	214	11	136
FRM YTD	64	3516	70	1729	0	0	12	891	23	1792
TOT MO.	79	1074	130	1054	17	592	8	380	16	461
TOT YTD	344	6147	260	3146	21	1361	196	1675	38	2311

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	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	1	215	0	0
3225	0	0	0	0	0	0	1	149	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	1	104	0	0	0	0	0	0
3248	0	0	1	50	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	2	55	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	4	356	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	46	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	1	121	0	0	0	0	0	0
3505	0	0	0	0	0	0	2	231	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	116	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	3	32	0	0	0	0	25	303	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	1	319	0	0	2	546	0	0
3544	0	0	0	0	0	0	2	42	0	0
3546	0	0	4	301	0	0	5	102	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	2	52	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	5	180	0	0	0	0	0	0
4000	0	0	17	360	0	0	0	0	0	0
5000	37	15	197	146	0	0	94	67	0	0
CUT MO.	40	47	233	1850	0	0	136	2010	0	0
CUT YTD	375	1504	1900	7985	3	196	646	10516	3	512
1011	0	0	0	128	0	0	0	19	0	0
3568	0	0	0	0	0	0	29	326	0	0
3569	0	0	21	18	0	0	62	28	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	6	84	0	0	2	28	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	3	138	0	0	2	129	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	1	61	0	0	0	0	0	0
3590	0	0	0	0	0	0	1	154	0	0
3594	0	0	0	0	0	0	5	350	0	0
3595	0	0	1	39	0	0	0	0	0	0
3598	1	55	0	0	0	0	1	352	0	0
FRM MO.	1	55	32	468	0	0	102	1384	0	0
FRM YTD	19	1409	110	4367	36	1042	289	4834	4	132
TOT MO.	41	102	265	2318	0	0	238	3394	0	0
TOT YTD	394	2913	2010	12352	39	1238	935	15351	7	644

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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	265	0	0	0	0	0	0
3045	0	0	0	0	3	367	0	0	0	0
3204	0	0	0	0	0	0	0	0	1	112
3206	0	0	0	0	1	163	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	2	1000	2	685	0	0	0	0
3225	0	0	0	0	3	951	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	2	307	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	1	15	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	2	163	0	0	0	0	0	0
3264	0	0	0	0	1	53	0	0	0	0
3266	0	0	1	6	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	1	141	0	0	0	0
3276	0	0	1	87	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	1	176	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	1	68	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	24	1	4	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	6	1	12	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	21	375	15	709	1	7	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	3	108	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	16	160	2	31	0	0	0	0
3532	0	0	1	5	2	8	0	0	0	0
3533	0	0	2	32	0	0	0	0	0	0
3538	0	0	0	0	6	86	2	16	0	0
3541	0	0	1	32	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	1	8	0	0	0	0
3546	0	0	8	152	4	26	2	14	0	0
3547	0	0	5	57	0	0	0	0	0	0
3549	0	0	24	29	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	5	70	0	0	0	0
3559	0	0	6	407	0	0	0	0	0	0
3565	0	0	10	58	21	214	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	2	151	5	29	0	0	0	0
4000	4	578	92	366	386	1013	35	50	0	0
5000	125	81	494	286	42	31	22	18	50	3
CUT MO.	129	658	695	4208	506	4722	62	104	51	115
CUT YTD	227	1030	3759	32959	2106	23031	410	1179	69	616
1011	0	0	0	80	0	460	0	378	0	0
3568	0	0	1	20	40	132	0	0	0	0
3569	1	2	447	222	73	92	3	2	0	0
3571	0	0	6	597	0	0	0	0	0	0
3573	0	0	1	93	0	0	0	0	0	0
3575	0	0	25	301	6	43	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	16	331	12	136	0	0	1	40
3588	0	0	2	244	17	342	0	0	0	0
3589	0	0	0	0	2	54	0	0	0	0
3590	1	421	0	0	13	269	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	1	7	0	0	0	0
3598	0	0	10	469	11	194	2	9	0	0
FRM MO.	2	423	508	2356	175	1730	5	388	1	40
FRM YTD	41	1180	2860	21355	914	14709	82	753	11	437
TOT MO.	131	1081	1203	6564	681	6451	67	491	52	154
TOT YTD	268	2210	6619	54314	3020	37741	492	1931	80	1053

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	1	186
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	1	274
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	3	85	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	2	15	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	1	157
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	1	163	0	0	0	0	0	0	1	200
3532	0	0	0	0	0	0	0	0	1	87
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	1	9	0	0
3567	1	31	0	0	0	0	0	0	1	214
4000	0	0	3	15	2	16	21	128	1	350
5000	11	15	0	0	91	26	2	3	3	5
CUT MO.	13	209	3	15	96	127	26	155	10	1472
CUT YTD	110	5682	56	531	340	563	158	811	715	15757
1011	0	2	0	5	0	57	0	51	0	0
3568	0	0	2	3	1	93	0	0	0	0
3569	0	0	0	0	7	5	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	10	158	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	9	707	0	0	0	0	0	0	2	88
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	1	200	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	1	77	0	0	12	2164
FRM MO.	9	708	3	208	19	389	0	51	14	2252
FRM YTD	67	4483	25	364	69	2294	302	480	112	18095
TOT MO.	22	917	6	223	115	516	26	206	24	3724
TOT YTD	177	10164	81	895	409	2858	460	1291	827	33852

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	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	7	169	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	178
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	4	269	0	0	0	0	0	0	1	332
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	2	48	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	1	126	0	0
3528	0	0	0	0	0	0	0	0	1	251
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	1	31
3532	0	0	0	0	0	0	0	0	0	0
3533	5	28	0	0	0	0	0	0	0	0
3538	0	0	1	37	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	126
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	14	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	2	168
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	18	0	0	0	0	0	0	0	0
5000	56	13	11	4	0	0	22	19	242	46
CUT MO.	76	545	13	56	0	0	23	145	249	1132
CUT YTD	492	1015	109	2359	4	254	460	1095	1449	15222
1011	0	0	0	0	0	0	0	0	0	4
3568	0	0	0	0	0	0	0	0	0	0
3569	5	2	0	0	0	0	0	0	33	64
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	34	0	0	0	0	1	35	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	3	74	0	0	0	0	0	0	2	21
3588	0	0	0	0	0	0	0	0	1	111
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	3	88	14	1931
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	1	129
3598	0	0	0	0	0	0	0	0	2	87
FRM MO.	9	110	0	0	0	0	4	122	53	2347
FRM YTD	19	785	8	263	0	0	7	249	139	15835
TOT MO.	85	655	13	56	0	0	27	267	302	3479
TOT YTD	511	1800	117	2622	4	254	467	1344	1588	31057

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	2	1163	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	17	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	15	670	0	0	0	0	0	0	2	54
3541	0	0	0	0	0	0	1	120	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	43	3050	0	0	0	0	2	8	2	8
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	1	271
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	3	900	0	0	0	0	0	0	0	0
4000	0	0	171	500	1	11	3	10	3	19
5000	46	54	17	30	8	11	44	14	32	3
CUT MO.	110	5854	188	530	9	22	50	152	40	355
CUT YTD	725	21032	190	532	203	269	433	3308	233	3355
1011	0	0	0	0	0	4	0	0	0	0
3568	1	1404	0	0	1	42	0	0	0	0
3569	0	0	0	0	0	0	13	7	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	2	252	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	6	2030	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	16	492	0	0	0	0	0	0	0	0
FRM MO.	23	3926	0	0	1	46	15	259	0	0
FRM YTD	248	23972	0	0	49	57	53	2710	20	898
TOT MO.	133	9780	188	530	10	68	65	410	40	355
TOT YTD	973	45003	190	532	252	325	486	6017	253	4254

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	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	30	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	3	382	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	1	37	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	2	32	0	0	0	0
3551	8	479	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	54	137	3	5	0	0	0	0	0	0
5000	0	0	3	2	83	99	17	9	0	0
CUT MO.	63	646	7	44	88	512	17	9	0	0
CUT YTD	84	2906	378	797	906	2972	33	104	0	0
1011	0	0	0	0	0	32	0	26	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	28	8	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	2	144	12	74	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	1	238	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	12	382	3	60	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	1164	0	0	0	0	0	0	0	0
FRM MO.	2	1402	14	526	43	173	0	26	0	0
FRM YTD	8	1655	120	1633	273	2282	7	405	2	20
TOT MO.	65	2048	21	569	131	686	17	35	0	0
TOT YTD	92	4561	498	2430	1179	5254	40	509	2	20

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	1	33
5000	0	0	76	16	0	0
CUT MO	0	0	76	16	1	33
CUT YTD	4	57	127	369	25	196
1011	0	0	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	1	34
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	1	171
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	1	4	0	0
FRM MO	0	0	1	4	2	205
FRM YTD	82	410	20	564	8	2906
TOT MO	0	0	77	20	3	238
TOT YTD	86	467	147	933	33	3101

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
JUNE 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	2	2	0	0	2	2
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	1	518	0	0	1	518
ICELAND	1	2	0	0	1	2
MALTA	0	0	0	0	0	0
NORWAY	124	79	2	423	126	502
PORTUGAL	1	58	0	0	1	58
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	129	658	2	423	131	1081
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	17	15	0	0	17	15
DOMINICAN REP.	37	32	5	10	42	42
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	2	14	0	0	2	14
HAITI	0	0	0	33	0	33
HONDURAS	1	3	0	0	1	3
JAMAICA	3	19	0	0	3	19
LW & WW IS.	1	15	0	0	1	15
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	333	0	333
SALVADOR	0	0	0	10	0	10
TRINIDAD	0	0	0	2	0	2
TURK ISLAND	1	7	0	0	1	7
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	62	104	5	388	67	491
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	5	54	0	45	5	99
ECUADOR	17	82	0	6	17	88
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	4	20	0	0	4	20
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	26	155	0	51	26	206
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
JUNE 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGALDESH	6	7	0	0	6	7
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	14	526	14	526
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	1	37	0	0	1	37
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	7	44	14	526	21	569
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	1	171	1	171
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	1	33	0	0	1	33
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	1	34	1	34
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	1	33	2	205	3	238

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

RELEASED: SEPTEMBER 18, 1987

		TOTAL YTD		TOTAL MO.	
	674: METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	48	6845	3	648
3035	Gear Shapers	20	4165	1	179
3045	Gear Cutting Machines, N.E.C.	14	1165	3	69
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	883	76833	154	14594
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	142	13193	18	1961
3409	Horizontal Machining Centers, ATC, NC	355	52854	38	6749
3411	Machining Centers, NC, N.E.C.	280	32331	25	2386
3412	Single Station and Multi-Station Transfer Machines	26	9867	2	347
3413	Way Type Machines, (Unit Heads)	3	179	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	2288	1	550
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	44	11989	10	2484
3419	Vertical Boring-Drilling-Milling Machines, NC	98	8520	9	762
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	16	701	4	46
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	78	2220	19	1392
3328	Drilling Machines, NC	79	3757	14	401
3329	Drilling Machines, Multi-Spindle, Non-NC	23	1151	5	280
3334	Drilling Machines, Radial, Non-NC	98	526	17	96
3336	Drilling Machines, Upright, Single Spindle, Non-NC	19	168	7	83
3342	Drilling Machines, Non-NC, N.E.C.	276	8818	28	538
3464	Milling Machines, NC	374	17787	156	4532
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	8	652	6	128
3467	Milling Machines, Knee Type, Non-NC	1717	9923	286	1342
3468	Milling Machines, Bed Type, Non-NC	111	2165	16	255
3469	Milling Machines, Non-NC, N.E.C.	487	8315	66	673
3476	Vertical Boring Machines, Incl. VTL's, NC	10	2011	0	0
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	54	1330	6	138
3481	Boring Machines, NC, N.E.C.	23	2542	3	167
3483	Boring Machines, Non-NC N.E.C.	165	5182	31	539
3504	Horizontal Lathes, Multi-Spindle, NC	43	4198	14	2239
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	1613	81965	206	10367
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	238	22942	52	4053
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	124	9893	62	4069
3512	Horizontal Engine & Toolroom Lathes, Non-NC	1540	12358	224	1787
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	57	1632	10	348
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	22	4046	2	456
3515	Automatic Bar Machines, Single Spindle, Non-NC	19	840	3	143
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	43	1810	1	206
3518	Horizontal Lathes, Non-NC, N.E.C.	163	2278	70	918
3505	Vertical Lathes, Multi-Spindle, NC	66	5128	5	925
3519	Vertical Lathes, NSPF, NC	152	15056	17	4010
3522	Vertical Lathes, Excl. VTL's, Non-NC	491	9799	111	2199
3527	Gear Tooth Grinding & Finishing Machines	151	15595	22	549
3528	Tool & Cutter Grinding Machines, NC	17	848	1	85
3529	Tool & Cutter Grinding Machines, Non-NC	514	8882	79	2828
3533	Honing & Lapping Machines	136	5981	7	498
3539	Grinding Machines, Flat Surface, NC	37	2596	9	813
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	84	1593	12	433
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1185	14687	154	1659
3546	Grinding & Polishing Machines, NC, N.E.C.	95	16432	8	2231
3554	External Grinding Machines, Non-NC	148	5121	24	351
3556	Internal Grinding Machines, Non-NC	6	202	0	0
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	44	4155	10	350
3559	Grinding Machines, Non-NC, N.E.C.	912	34464	203	6328
3562	Traveling Wire Electrical Discharge Machines	279	19941	51	3007
3564	All Other Electrical Discharge Machines	188	8474	63	1666
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	47	5840	7	1245
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	71	1649	31	255
3576	Metal Cutting Machines Tools, NC, N.E.C.	42	66710	5	18331
3577	Sawing & Cut-Off Machines, Non-NC	2725	23439	117	1525
3578	Broaching Machines, Non-NC	12	1082	1	8
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	737	24342	132	4383
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2093	11521	213	2250
5000	Metal Cutting Machine Tools, Less than $2500**	553646	48947	85279	9089
	TOTAL CUTTING			88133	130954
	TOTAL CUTTING YTD	573216	781976		
	674: METAL FORMING				
1010	Die Casting Machines	221	15374	35	1443
3582	Metal Forming Machine Tools, Used or Rebuilt	358	4502	116	2394
3583	Metal Forming Machine Tools, Less Than $2500	13144	4445	2202	825
3584	Punching and Shearing Machines, Incl. Combination, NC	194	26842	41	3468
3586	Shearing Machines, Non-NC	397	8691	88	1975
3587	Punching & Combination Punching & Shearing Machines, Non-NC	409	6350	58	1456
3588	Bending, Folding, Straightening & Flattening Machines, NC	82	7678	15	1659
3589	Press Brakes, Non-NC	409	11643	50	1518
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	48	802	9	220
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	556	13044	73	1620
3593	Metal Forming Machine Tools, NC, N.E.C.	62	18104	10	1120
3594	Mechanical Presses, Non-NC	866	39726	773	31515
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	71	1845	14	800
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	343	64197	27	16548
3597	Headers & Upsetters, Non-NC	81	3207	14	814
3598	Forging Machines, Non-NC, N.E.C.	79	3901	1	3
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	683	32225	112	6087
	TOTAL FORMING			3638	73471
	TOTAL FORMING YTD	18003	262592		
	TOTAL ALL TYPES			91771	204425
	TOTAL ALL TYPES YTD	591219	1044568		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	2	350
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	1	550
3419	0	0	0	0	1	39	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	2	921
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	0	0	7	83
3464	0	0	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	130	3008	5	66
3467	0	0	0	0	0	0	0	0	3	83
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	1	17
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	5	41
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	1	37	0	0	14	191
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	3	176	0	0
3512	10	49	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	44	611	0	0	0	0	0	0	0	0
3527	0	0	0	0	0	0	0	0	1	80
3528	0	0	0	0	0	0	0	0	8	115
3529	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	2	37	1	50
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	0	0	7	137
3546	0	0	0	0	0	0	1	9	13	333
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	16	52
3558	0	0	0	0	0	0	0	0	0	0
3559	0	0	1	10	10	41	16	91	11	575
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	3	11	10	56
3578	0	0	0	0	0	0	0	0	0	0
3579	1	7	0	0	0	0	1	15	5	479
4000	0	0	0	0	4	19	5	26	32	251
5000	276	70	4	2	1547	42	930	437	764	276
CUT MO.	331	737	5	12	1563	177	1091	3810	912	4823
CUT YTD	1169	3958	541	1119	1732	730	2322	6346	3324	21546
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	14	114
3583	0	0	1	1	0	0	97	117	151	115
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	7	154	0	0	0	0	4	30
3587	0	0	0	0	0	0	1	3	2	128
3588	0	0	0	0	0	0	3	148	4	234
3589	0	0	7	248	0	0	0	0	6	174
3591	0	0	2	7	0	0	0	0	0	0
3592	0	0	3	96	0	0	1	159	23	378
3593	0	0	0	0	0	0	1	38	0	0
3594	0	0	0	0	0	0	0	0	4	13
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	1	9
3597	0	0	0	0	0	0	0	0	1	50
3598	1	3	0	0	0	0	0	0	0	0
3599	4	30	0	0	0	0	1	1	13	612
FRM MO.	5	33	20	506	0	0	104	467	223	1856
FRM YTD	36	1080	288	5201	6	176	323	2383	1539	13946
TOT MO.	336	770	25	518	1563	177	1195	4277	1135	6679
TOT YTD	1205	5037	829	6320	1738	905	2645	8728	4863	35491

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	33
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	2	1003	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	1	154
3412	0	0	0	0	0	0	0	0	1	119
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	8	47	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	2	5	0	0
3464	0	0	0	0	0	0	0	0	2	581
3466	0	0	0	0	0	0	0	0	0	0
3467	14	58	0	0	64	317	1	73	0	0
3468	0	0	0	0	13	110	0	0	0	0
3469	0	0	0	0	6	176	5	141	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	1	97	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	1	641
3510	0	0	0	0	0	0	1	107	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	2	456
3515	0	0	0	0	1	48	0	0	2	96
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	2	38
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	3	216	0	0	2	131
3527	0	0	0	0	0	0	0	0	3	83
3528	0	0	0	0	0	0	0	0	1	85
3529	0	0	0	0	3	233	0	0	7	149
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	0	0	6	36
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	6	219
3556	0	0	0	0	0	0	0	0	0	0
3558	3	61	0	0	0	0	0	0	0	0
3559	20	581	0	0	8	120	2	12	9	1047
3562	0	0	0	0	0	0	0	0	6	362
3564	0	0	0	0	1	41	0	0	2	217
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	4	39	0	0
3576	0	0	0	0	0	0	0	0	1	19
3577	0	0	0	0	0	0	3	45	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	1	162	0	0	0	0	3	75	0	0
4000	1	1	0	0	1	35	1	2	6	729
5000	122	118	21	37	11	16	146	131	387	73
CUT MO.	163	1983	29	84	112	1408	168	630	448	5218
CUT YTD	429	4428	71	261	1220	7398	1099	6662	5654	38361
1010	0	0	0	0	0	0	0	0	1	3
3582	1	13	0	0	0	0	1	55	0	0
3583	0	0	0	0	1	1	9	3	144	16
3584	0	0	0	0	0	0	0	0	1	208
3586	2	48	1	18	0	0	0	0	0	0
3587	1	8	0	0	17	112	22	419	0	0
3588	0	0	0	0	0	0	0	0	3	133
3589	2	25	2	27	0	0	0	0	0	0
3591	0	0	0	0	0	0	5	201	0	0
3592	0	0	0	0	0	0	16	276	2	44
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	1	11	0	0	5	66
FRM MO.	6	93	3	45	19	124	53	954	156	469
FRM YTD	99	1478	29	391	64	944	1281	4098	545	9783
TOT MO.	169	2076	32	129	131	1532	221	1584	604	5687
TOT YTD	528	5906	100	651	1284	8342	2380	10760	6199	48144

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	2	615	0	0	0	0	0	0
3035	0	0	1	179	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	4	192	15	1395	0	0	0	0	0	0
3406	0	0	1	102	0	0	0	0	0	0
3409	0	0	1	102	0	0	0	0	0	0
3411	3	270	2	394	0	0	0	0	0	0
3412	0	0	1	228	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	1	669	0	0	0	0	0	0
3419	0	0	7	689	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	10	339	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	6	327	5	26	0	0	4	18	0	0
3464	6	192	0	0	0	0	0	0	0	0
3466	0	0	2	7	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	1	45	0	0	0	0	0	0	0	0
3469	0	0	2	8	0	0	1	10	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	13	268	0	0	3	44	0	0
3504	1	26	0	0	0	0	0	0	0	0
3506	29	277	5	920	0	0	2	65	0	0
3508	1	124	0	0	0	0	0	0	0	0
3510	0	0	1	158	0	0	0	0	0	0
3512	32	291	0	0	0	0	1	12	8	65
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	4	114	0	0	59	584	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	1	2762	0	0	2	120	0	0
3522	8	35	2	307	0	0	4	315	25	101
3527	4	88	4	222	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	12	919	35	822	0	0	1	11	0	0
3533	2	23	4	463	0	0	0	0	0	0
3539	1	306	0	0	0	0	1	89	0	0
3541	0	0	3	146	0	0	0	0	0	0
3543	1	10	24	323	0	0	11	49	0	0
3546	0	0	7	2124	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	1	9	0	0	0	0	0	0
3559	9	559	72	2358	0	0	5	91	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	3	9	2	291	0	0	0	0	0	0
3567	2	561	0	0	0	0	0	0	0	0
3571	3	46	0	0	0	0	0	0	0	0
3576	0	0	1	188	0	0	0	0	0	0
3577	15	78	17	367	0	0	15	130	0	0
3578	0	0	1	8	0	0	0	0	0	0
3579	7	392	35	1583	0	0	34	353	0	0
4000	36	232	67	357	0	0	11	70	0	0
5000	329	224	3762	444	0	0	703	184	0	0
CUT MO.	529	5678	4097	18533	59	584	798	1562	33	166
CUT YTD	5921	39579	24077	136985	214	2174	4517	12238	145	726
1010	1	2	2	922	0	0	7	470	0	0
3582	7	18	1	54	0	0	17	188	0	0
3583	20	12	442	218	0	0	2	3	0	0
3584	0	0	2	187	0	0	0	0	0	0
3586	7	81	5	85	0	0	4	44	0	0
3587	0	0	11	360	0	0	1	10	0	0
3588	0	0	3	460	0	0	0	0	0	0
3589	0	0	0	0	0	0	12	318	0	0
3591	0	0	0	0	0	0	2	12	0	0
3592	1	26	6	355	0	0	18	232	0	0
3593	0	0	0	0	0	0	1	202	0	0
3594	0	0	1	61	0	0	0	0	0	0
3595	0	0	1	619	0	0	1	14	0	0
3596	10	2236	3	623	0	0	1	84	0	0
3597	0	0	7	153	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	5	393	8	856	0	0	17	516	0	0
FRM MO.	51	2767	492	4962	0	0	83	2091	0	0
FRM YTD	1070	10096	2412	34626	0	0	1225	14983	0	0
TOT MO.	580	8445	4589	23494	59	584	881	3653	33	166
TOT YTD	6991	49674	26489	171611	214	2174	5742	27221	145	726

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	123	12450	0	0	0	0
3406	0	0	0	0	14	1646	0	0	0	0
3409	0	0	0	0	35	5644	0	0	0	0
3411	0	0	0	0	17	1218	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	9	1815	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	5	134	0	0	0	0
3329	0	0	0	0	4	276	0	0	0	0
3334	0	0	0	0	0	0	4	25	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	4	118	0	0	0	0
3464	0	0	0	0	7	412	0	0	0	0
3466	0	0	0	0	1	38	0	0	0	0
3467	0	0	0	0	1	23	0	0	40	200
3468	0	0	0	0	0	0	1	9	0	0
3469	11	69	0	0	1	56	2	34	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	13	2214	0	0	0	0
3506	0	0	0	0	132	8375	7	248	3	28
3508	0	0	0	0	37	2671	10	441	0	0
3510	0	0	0	0	60	3804	0	0	0	0
3512	2	17	0	0	2	277	59	362	13	106
3513	0	0	0	0	4	181	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	1	206	0	0	0	0
3518	0	0	0	0	3	155	1	21	0	0
3505	0	0	0	0	4	912	0	0	0	0
3519	0	0	0	0	11	1023	0	0	0	0
3522	0	0	0	0	2	90	6	235	0	0
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	7	428	0	0	10	170
3533	0	0	0	0	1	12	0	0	0	0
3539	7	417	0	0	0	0	0	0	0	0
3541	0	0	0	0	2	150	0	0	0	0
3543	0	0	0	0	24	260	0	0	0	0
3546	0	0	0	0	1	108	0	0	0	0
3554	0	0	0	0	1	76	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	3	186	0	0	0	0
3559	4	102	0	0	9	501	0	0	0	0
3562	0	0	0	0	45	2645	0	0	0	0
3564	0	0	0	0	19	794	0	0	0	0
3567	0	0	0	0	5	684	0	0	0	0
3571	0	0	0	0	4	91	0	0	0	0
3576	0	0	0	0	2	18098	0	0	0	0
3577	0	0	0	0	21	696	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	39	1288	0	0	0	0
4000	0	0	0	0	21	336	0	0	0	0
5000	1567	114	1	2	4791	681	31	50	335	357
CUT MO.	1591	718	1	2	5485	70771	121	1425	401	860
CUT YTD	2001	1858	18	803	34795	414114	674	7856	1277	3648
1010	0	0	0	0	24	47	0	0	0	0
3582	0	0	0	0	75	1943	0	0	0	0
3583	3	4	0	0	698	90	0	0	16	35
3584	0	0	0	0	38	3074	0	0	0	0
3586	0	0	7	149	35	1172	0	0	12	128
3587	0	0	0	0	3	417	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	2	64	18	655	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	1	9	1	42	0	0	0	0
3593	0	0	0	0	6	719	0	0	0	0
3594	0	0	0	0	767	31430	0	0	1	11
3595	0	0	0	0	3	82	0	0	9	85
3596	0	0	0	0	10	13557	0	0	0	0
3597	0	0	0	0	6	611	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	46	730	0	0	0	0
FRM MO.	3	4	10	222	1730	54568	0	0	38	260
FRM YTD	196	9	60	1199	4350	152167	8	62	84	861
TOT MO.	1594	722	11	224	7215	125339	121	1425	439	1120
TOT YTD	2197	1866	78	2002	39145	566281	682	7918	1361	4509

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

674:	TAIWAN UNITS	TAIWAN $000	AUSTRALIA UNITS	AUSTRALIA $000	ALL OTHERS UNITS	ALL OTHERS $000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	3	69	0	0	0	0
3404	12	559	0	0	0	0
3406	3	214	0	0	0	0
3409	0	0	0	0	0	0
3411	0	0	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	1	34	0	0	0	0
3422	4	46	0	0	0	0
3423	7	132	0	0	0	0
3328	9	266	0	0	0	0
3329	1	4	0	0	0	0
3334	5	23	0	0	0	0
3336	0	0	0	0	0	0
3342	6	31	0	0	1	12
3464	6	323	0	0	0	0
3466	0	0	0	0	0	0
3467	166	672	0	0	0	0
3468	1	92	0	0	0	0
3469	32	144	0	0	5	19
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	1	67	0	0	2	100
3483	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	23	420	0	0	5	33
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	94	564	0	0	3	44
3513	6	167	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	1	6	0	0	0	0
3505	1	13	0	0	0	0
3519	3	105	0	0	0	0
3522	13	76	0	0	1	3
3527	3	41	0	0	0	0
3528	0	0	0	0	0	0
3529	1	10	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	71	518	0	0	3	121
3546	0	0	0	0	0	0
3554	1	4	0	0	0	0
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	26	216	0	0	1	25
3562	0	0	0	0	0	0
3564	36	315	0	0	0	0
3567	0	0	0	0	0	0
3571	20	79	0	0	0	0
3576	0	0	0	0	0	0
3577	33	142	0	0	0	0
3578	0	0	0	0	0	0
3579	4	16	0	0	2	14
4000	17	44	0	0	11	148
5000	67146	5744	3	5	2403	86
CUT MO.	67756	11153	3	5	2437	604
CUT YTD	440874	64873	57	240	41085	6021
1010	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	594	162	0	0	24	50
3584	0	0	0	0	0	0
3586	0	0	0	0	4	65
3587	0	0	0	0	0	0
3588	0	0	0	0	-2	684
3589	1	7	0	0	0	0
3591	0	0	0	0	0	0
3592	1	3	0	0	0	0
3593	0	0	1	122	1	40
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3596	2	41	0	0	0	0
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	4	46	0	0	8	2827
FRM MO.	602	258	1	122	39	3665
FRM YTD	4087	1648	32	176	269	7270
TOT MO.	68358	11411	4	127	2476	4269
TOT YTD	444961	66521	89	416	41354	13291

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
JUNE 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	13	98	0	0	13	98
EAST GERMANY	1	6	0	0	1	6
FINLAND	0	0	1	17	1	17
GIBRALTAR	0	0	0	0	0	0
GREECE	4	96	0	0	4	96
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	0	0	1	667	1	667
MALTA	0	0	0	0	0	0
NORWAY	20	2	1	40	21	42
POLAND	7	62	0	0	7	62
ROMANIA	1	97	0	0	1	97
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	46	362	3	724	49	1085
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	1	56	1	56
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	1781	63	28	115	1809	177
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	1781	63	29	171	1810	233
OTHER SOUTH AMERICA						
ARGENTINA	3	112	0	0	3	112
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	3	112	0	0	3	112
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	1	2700	1	2700
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	1	2700	1	2700

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
JUNE 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	601	63	0	0	601	63
INDIA	0	0	0	0	0	0
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	1	3	0	0	1	3
TOTAL	602	66	0	0	602	66
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	5	2	0	0	5	2
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	6	71	6	71
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	5	2	6	71	11	73

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

RELEASED: SEPTEMBER 18, 1987

		TOTAL UNITS	YTD $000
674:	METAL CUTTING		
3020	Gear Hobbers & Shapers	27	3044
3045	Gear Cutting Machines, N.E.C.	44	13774
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	23	1211
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	2	417
3209	Horizontal Machining Centers, ATC, NC	12	3612
3211	Machining Centers, NC, N.E.C.	104	7666
3216	Single Station and Multi-Station Transfer Machines	17	7962
3225	Way Type Machines (Unit Heads)	9	1809
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	612
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	5	580
3247	Vertical Boring-Drilling-Milling Machines, NC	8	714
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	15	1508
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	26	905
3254	Drilling Machines, NC	12	765
3255	Drilling Machines, Multi-Spindle, Non-NC	30	1676
3256	Drilling Machines, Radial, Non-NC	35	322
3257	Drilling Machines, Upright, Single Spindle, Non-NC	7	173
3258	Drilling Machines, Non-NC, N.E.C.	88	2120
3264	Milling Machines, NC	17	3260
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	12	242
3267	Milling Machines, Knee Type, Non-NC	0	0
3268	Milling Machines, Bed Type, Non-NC	0	0
3269	Milling Machines, Non-NC, N.E.C.	64	2497
3276	Vertical Boring Machines, Incl. VTLs, NC	4	1114
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	121	8831
3281	Boring Machines, NC, N.E.C.	1	245
3283	Boring Machines, Non-NC, N.E.C.	25	2216
3503	Horizontal Lathes, Multi-Spindle, NC	4	937
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	37	3363
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	7	1111
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	6	1526
3510	Horizontal Engine & Toolroom Lathes, Non-NC	40	684
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	3	115
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	5	256
3515	Automatic Bar Machines, Single-Spindle, Non-NC	19	347
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	24	727
3518	Horizontal Lathes, Non-NC, N.E.C.	326	9952
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	3	983
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	3	760
3525	Vertical Lathes, Excl. VTLs, Non-NC	55	3923
3528	Grinding, Polishing, Honing & Lapping Machines, NC	72	8972
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	12	1657
3531	Tool & Cutter Grinding Machines, Non-NC	120	2713
3532	Honing & Lapping Machines, Non-NC	193	3515
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	89	1492
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	158	11471
3541	External Grinding Machines, Non-NC	12	596
3542	Internal Grinding Machines, Non-NC	18	2655
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	97	5763
3546	Grinding Machines, Non-NC, N.E.C.	164	6615
3547	Traveling Wire Electrical Discharge Machines	5	57
3549	All Other Electrical Discharge Machines	67	865
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	10	621
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	20	669
3559	Metal Cutting Machine Tools, NC, N.E.C.	30	2178
3565	Sawing & Cut-Off Machines, Non-NC	233	4092
3566	Broaching Machines, Non-NC	4	95
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	93	4680
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	2593	20490
5000	Metal Cutting Machine Tools, Less Than $2500**	12804	6952
	TOTAL CUTTING	18039	178143
674:	METAL FORMING		
1011	Die Casting Machines & Parts	0	8540
3568	Metal Forming Machine Tools, Used Or Rebuilt	407	9424
3569	Metal Forming Machine Tools, Less Than $2500	4198	2399
3571	Punching & Shearing Machines, Incl. Combination, NC	37	4130
3573	Shearing Machines, Non-NC	35	2249
3575	Punching & Combination Punching & Shearing Machines, Non-NC	317	4968
3578	Bending, Folding, Straightening & Flattening Machines, NC	44	2535
3582	Press Brakes, Non-NC	16	351
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	8	945
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	329	10487
3588	Mechanical Presses	108	8097
3589	Hydraulic Presses, Vertical, Single Action	19	3355
3590	Hydraulic & Pneumatic Presses	375	24003
3594	Headers & Upsetters, Non-NC	39	6667
3595	Forging Machines, Non-NC, N.E.C.	119	4229
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	463	49346
	TOTAL FORMING	6514	141741
	TOTAL ALL TYPES	24553	319884

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	2	54
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	2	252	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	5	604	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	1	121	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	4	39	1	5
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	29	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	1	62	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	1	15	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	114	7456	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	1	143	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	6	362	0	0
3528	11	579	0	0	1	269	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	3	20	0	0	1	81	0	0
3532	0	0	9	154	0	0	8	90	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	1	5
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	4	690	0	0	2	25	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	2	0	0	0	0	2	21	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	6	97	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	8	233	0	0	32	885	2	17
5000	0	0	288	343	0	0	78	18	21	12
CUT YTD	13	642	427	9016	1	269	149	2661	27	92
1011	0	84	0	0	0	0	0	110	0	0
3568	0	0	1	10	0	0	0	0	0	0
3569	0	0	208	48	6	6	64	43	0	0
3571	0	0	0	0	1	148	0	0	0	0
3573	0	0	0	0	0	0	0	0	1	12
3575	0	0	0	0	0	0	0	0	4	51
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	133	0	0	1	20	3	163	0	0
3588	0	0	0	0	0	0	2	102	1	17
3589	0	0	0	0	0	0	0	0	0	0
3590	1	34	0	0	1	15	13	114	1	12
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	1	33
3598	0	0	12	566	0	0	17	1134	1	215
FRM YTD	3	202	221	624	9	189	99	1865	9	340
TOT YTD	16	844	648	9640	10	458	248	4526	36	432

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	312	0	0	0	0	0	0	0	0
3045	1	138	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	770	0	0	0	0	0	0
3211	1	239	0	0	0	0	1	236	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	15	70	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	2	45	2	304
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	1	150	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	2	141	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	2	87	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	5	16	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	1	617	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	1	56	0	0	0	0	1	40	0	0
3531	0	0	0	0	0	0	0	0	1	76
3532	12	124	10	115	0	0	1	95	3	46
3533	0	0	0	0	0	0	0	0	0	0
3538	2	281	1	120	2	522	0	0	1	18
3541	0	0	1	74	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	7	859	4	112	0	0	3	189	0	0
3546	1	3	0	0	0	0	0	0	1	4
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	1	2	1	2
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	2	68	11	103	0	0	1	20	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	2	79	0	0	0	0	0	0	0	0
4000	87	218	2	64	0	0	2	50	1	60
5000	156	97	160	60	2	2	170	21	5	8
CUT YTD	280	2631	190	1417	21	1361	184	784	15	519
1011	0	332	0	130	0	0	0	16	0	737
3568	8	48	0	0	0	0	0	0	7	17
3569	36	11	49	9	0	0	0	0	4	3
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	2	13	0	0	0	0	0	0
3575	1	25	2	41	0	0	1	165	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	8	166	2	24	0	0	10	560	1	44
3588	2	145	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	34	5	205	0	0	0	0	4	624
3594	3	860	0	0	0	0	1	151	1	269
3595	1	59	3	55	0	0	0	0	0	0
3598	4	1837	7	1253	0	0	0	0	6	98
FRM YTD	64	3516	70	1729	0	0	12	891	23	1792
TOT YTD	344	6147	260	3146	21	1361	196	1675	38	2311

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	15	4200	2	500
3204	0	0	2	273	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	713	0	0	0	0	0	0
3211	0	0	1	34	0	0	1	35	0	0
3216	0	0	0	0	0	0	1	215	0	0
3225	0	0	0	0	0	0	1	149	0	0
3245	0	0	2	133	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	2	132	0	0	0	0	0	0
3248	0	0	1	50	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	7	346	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	4	88	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	10	174	0	0	5	459	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	5	129	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	3	222	0	0	0	0	0	0
3503	0	0	1	121	0	0	0	0	0	0
3505	0	0	4	245	0	0	3	270	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	3	0	0	3	115	0	0
3511	0	0	0	0	0	0	3	115	0	0
3512	0	0	0	0	0	0	3	115	0	0
3515	0	0	2	9	0	0	0	0	0	0
3516	0	0	2	30	0	0	6	153	0	0
3518	0	0	16	1053	0	0	3	115	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	2	133	0	0	1	18	0	0
3528	9	747	5	764	0	0	2	265	0	0
3529	0	0	0	0	0	0	4	681	0	0
3531	0	0	0	0	0	0	5	37	0	0
3532	19	204	2	26	0	0	62	700	1	12
3533	0	0	0	0	0	0	1	12	0	0
3538	1	134	11	958	0	0	1	314	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	2	584	0	0	3	884	0	0
3544	0	0	1	38	0	0	7	154	0	0
3546	0	0	9	443	0	0	9	125	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	4	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	1	187	0	0	1	188	0	0	0	0
3565	0	0	2	52	0	0	7	83	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	1	7	5	180	0	0	2	10	0	0
4000	6	101	90	703	2	8	75	702	0	0
5000	338	125	1713	693	0	0	416	244	0	0
CUT YTD	375	1504	1900	7985	3	196	646	10516	3	512
1011	0	909	0	603	0	0	0	156	0	0
3568	0	0	9	18	0	0	31	364	0	0
3569	9	8	45	37	0	0	185	114	0	0
3571	2	178	7	600	0	0	0	0	0	0
3573	0	0	0	0	0	0	2	69	0	0
3575	6	111	10	143	0	0	7	144	2	125
3578	0	0	0	0	0	0	6	315	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	1	27	0	0
3584	0	0	7	253	0	0	22	537	0	0
3588	0	0	9	1283	0	0	0	0	0	0
3589	0	0	1	61	0	0	3	74	0	0
3590	0	0	3	37	36	1042	8	1040	0	0
3594	1	148	0	0	0	0	14	1060	0	0
3595	0	0	3	421	0	0	0	0	0	0
3598	1	55	16	912	0	0	10	933	2	7
FRM YTD	19	1409	110	4367	36	1042	289	4834	4	132
TOT YTD	394	2913	2010	12352	39	1238	935	15351	7	644

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

674:	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	2	315	0	0	0	0	0	0
3045	0	0	6	1510	4	422	0	0	0	0
3204	0	0	0	0	1	82	0	0	1	112
3206	0	0	1	254	1	163	0	0	0	0
3209	0	0	5	1525	0	0	0	0	0	0
3211	0	0	22	1264	7	493	1	70	0	0
3216	0	0	9	2057	5	2225	0	0	0	0
3225	0	0	2	302	5	1255	0	0	0	0
3245	0	0	1	85	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	3	445	0	0	0	0	0	0
3248	0	0	1	37	0	0	0	0	0	0
3249	0	0	7	78	2	450	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	20	990	9	655	0	0	0	0
3256	1	15	2	23	6	42	0	0	0	0
3257	0	0	1	138	5	21	1	14	0	0
3258	0	0	8	229	14	181	2	25	0	0
3264	0	0	0	0	3	374	0	0	0	0
3266	0	0	2	57	7	66	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	34	2	191	20	802	4	65	1	14
3276	0	0	1	87	0	0	0	0	0	0
3277	0	0	3	633	1	13	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	3	153	7	976	0	0	0	0
3503	0	0	1	176	1	251	0	0	0	0
3505	0	0	21	1997	1	72	0	0	0	0
3507	0	0	4	344	1	328	0	0	0	0
3509	0	0	3	710	0	0	0	0	0	0
3510	0	0	19	287	9	115	2	10	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	2	23	10	105	0	0	0	0
3516	0	0	15	489	0	0	0	0	0	0
3518	0	0	34	518	188	4095	3	67	2	150
3521	0	0	2	533	0	0	0	0	0	0
3523	0	0	0	0	1	81	0	0	0	0
3525	0	0	12	941	7	160	0	0	0	0
3528	0	0	12	2223	3	93	0	0	0	0
3529	0	0	3	596	0	0	0	0	0	0
3531	2	49	61	487	21	159	0	0	2	99
3532	0	0	15	368	10	235	0	0	5	230
3533	0	0	24	369	3	106	0	0	0	0
3538	0	0	10	3390	24	328	5	103	0	0
3541	0	0	8	409	1	23	0	0	0	0
3542	0	0	2	198	3	78	0	0	0	0
3544	0	0	9	128	8	115	0	0	0	0
3546	0	0	35	1073	22	203	6	287	0	0
3547	0	0	5	57	0	0	0	0	0	0
3549	0	0	29	55	5	19	14	62	0	0
3551	0	0	1	43	0	0	0	0	0	0
3553	0	0	0	0	10	128	0	0	0	0
3559	0	0	23	1060	2	87	0	0	0	0
3565	0	0	70	728	86	1267	0	0	0	0
3566	0	0	0	0	3	86	0	0	0	0
3567	0	0	20	635	25	323	6	220	0	0
4000	7	776	305	2768	1096	5920	64	160	0	0
5000	216	156	2913	1985	469	439	302	96	58	12
CUT YTD	227	1030	3759	32959	2106	23031	410	1179	69	616
1011	0	9	0	2454	0	1597	0	473	0	0
3568	0	0	50	383	161	1147	17	52	0	0
3569	18	5	2384	1321	341	417	48	44	7	8
3571	0	0	13	1500	1	112	0	0	0	0
3573	0	0	15	649	0	0	0	0	3	390
3575	0	0	61	844	45	756	5	49	0	0
3578	1	156	3	65	11	700	0	0	0	0
3582	0	0	12	153	2	28	0	0	0	0
3583	0	0	1	35	2	310	0	0	0	0
3584	20	549	123	3122	62	1779	2	47	1	40
3588	0	0	18	888	49	1248	1	20	0	0
3589	0	0	3	221	7	510	0	0	0	0
3590	1	421	19	4299	166	3308	1	15	0	0
3594	0	0	4	268	1	14	1	10	0	0
3595	0	0	81	849	6	414	5	34	0	0
3598	1	40	73	4306	60	2370	2	9	0	0
FNM YTD	41	1180	2860	21355	914	14709	82	753	11	437
TOT YTD	268	2210	6619	54314	3020	37741	492	1931	80	1053

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	282	0	0	0	0	0	0	0	0
3045	3	1256	0	0	0	0	0	0	9	3967
3204	15	383	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	3	185	1	186
3216	1	230	0	0	0	0	0	0	1	3235
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	1	274
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	3	85	0	0	10	1337
3249	10	211	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	1	30	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	2	40
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	4	19	0	0	23	125	1	57
3264	0	0	3	96	0	0	0	0	0	0
3266	1	21	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	2	169	0	0	1	13	2	15	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	1	245
3283	1	92	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	1	389
3505	0	0	1	85	2	91	0	0	3	395
3507	0	0	0	0	0	0	0	0	2	439
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	4	100
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	1	11	3	51	0	0	12	257
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	2	701
3528	1	850	1	75	0	0	0	0	13	1294
3529	0	0	0	0	0	0	1	10	0	0
3531	1	163	0	0	0	0	0	0	1	200
3532	0	0	0	0	0	0	0	0	1	87
3533	4	547	0	0	0	0	0	0	0	0
3538	1	215	2	10	0	0	4	77	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	1	102	0	0	0	0	0	0	0	0
3544	7	681	0	0	0	0	0	0	3	489
3546	2	50	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	1	30
3551	0	0	1	99	0	0	0	0	0	0
3553	0	0	1	85	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	6	240
3566	0	0	0	0	0	0	1	9	0	0
3567	1	31	0	0	0	0	0	0	1	214
4000	2	348	23	33	36	229	51	322	209	1370
5000	55	21	18	18	295	95	73	70	430	213
CUT YTD	110	5682	56	531	340	563	158	811	715	15757
1011	0	45	0	5	0	100	0	85	0	0
3568	24	1260	2	3	8	145	2	26	37	3161
3569	0	0	18	13	33	18	293	55	0	0
3571	0	0	0	0	1	174	0	0	1	37
3573	0	0	0	0	0	0	0	0	1	17
3575	15	159	0	0	1	34	0	0	0	0
3578	0	0	0	0	10	158	0	0	8	602
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	2	50
3584	14	826	2	23	7	208	2	18	5	449
3588	1	349	0	0	2	366	0	0	1	150
3589	1	448	1	42	0	0	0	0	2	1978
3590	4	118	0	0	4	95	3	241	6	70
3594	2	285	1	200	1	856	0	0	0	0
3595	1	196	0	0	0	0	0	0	0	0
3598	5	798	1	78	2	140	2	55	49	11582
FRM YTD	67	4483	25	364	69	2294	302	480	112	18095
TOT YTD	177	10164	81	895	409	2858	460	1291	827	33852

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	7	169	5	1235	0	0	0	0	9	677
3045	0	0	0	0	0	0	0	0	1	178
3204	1	67	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	4	269	1	94	0	0	1	158	52	4040
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	3	138
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	7	165	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	45	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	1	342	3	358
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	1	73
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	1	596
3510	0	0	0	0	0	0	1	24	1	29
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	2	90	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	1	56
3518	2	48	0	0	0	0	0	0	6	262
3521	0	0	0	0	0	0	0	0	1	450
3523	0	0	0	0	0	0	0	0	0	0
3525	2	78	0	0	0	0	1	126	0	0
3528	0	0	0	0	0	0	0	0	14	1814
3529	0	0	1	25	0	0	0	0	0	0
3531	1	3	1	126	0	0	0	0	2	139
3532	5	93	1	68	0	0	0	0	3	347
3533	7	43	0	0	0	0	0	0	5	162
3538	0	0	2	46	0	0	2	48	45	1805
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	1	286	0	0	0	0	4	320
3544	0	0	1	200	0	0	0	0	8	1274
3546	1	4	7	98	0	0	2	5	3	138
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	14	0	0	0	0	2	258
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	1	20	0	0	6	371
3559	0	0	0	0	0	0	0	0	1	58
3565	3	52	1	20	2	230	3	44	19	715
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	15	3	288
4000	5	33	0	0	1	3	0	0	15	279
5000	453	112	85	56	0	0	441	169	1240	398
CUT YTD	492	1015	109	2359	4	254	460	1095	1449	15222
1011	0	161	0	60	0	0	0	0	0	43
3568	2	148	1	39	0	0	0	0	0	0
3569	7	5	2	3	0	0	0	0	43	72
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	3	43	2	31	0	0	1	35	5	381
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	3	74	1	37	0	0	0	0	7	156
3588	0	0	0	0	0	0	0	0	4	1216
3589	0	0	0	0	0	0	0	0	0	0
3590	2	253	2	93	0	0	3	88	39	4443
3594	0	0	0	0	0	0	1	33	7	2485
3595	0	0	0	0	0	0	0	0	1	129
3598	2	100	0	0	0	0	2	95	33	6910
FRM YTD	19	785	8	263	0	0	7	249	139	15835
TOT YTD	511	1800	117	2622	4	254	467	1344	1588	31057

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	3	1602	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	37	0	0	0	0	0	0	1	18
3216	0	0	0	0	0	0	0	0	0	0
3225	1	104	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	5	580	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	2	59	3	360
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	2	144	0	0	7	37	2	43	0	0
3264	3	1228	0	0	0	0	3	195	1	667
3266	0	0	0	0	0	0	0	0	1	37
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	18	671	0	0	0	0	3	229	1	15
3276	2	656	0	0	0	0	0	0	0	0
3277	2	710	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	8	521	0	0	0	0	0	0	1	185
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	1	33	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	47	3283	0	0	1	15	1	9	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	6	602	0	0	0	0	11	355	1	53
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	1	250	0	0
3531	4	139	0	0	0	0	1	38	6	348
3532	7	282	0	0	0	0	5	62	1	3
3533	1	82	0	0	0	0	0	0	44	171
3538	19	1170	0	0	0	0	5	514	5	413
3541	0	0	0	0	0	0	2	91	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	10	1367	0	0	0	0	26	107	3	52
3546	52	3382	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	8	0	0	0	0	0	0	1	271
3551	0	0	0	0	0	0	0	0	0	0
3553	1	60	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	3	108
3566	0	0	0	0	0	0	0	0	0	0
3567	16	2325	0	0	0	0	0	0	7	328
4000	118	1837	171	500	8	123	31	1234	14	264
5000	397	208	19	32	187	94	340	123	140	63
CUT YTD	725	21032	190	532	203	269	433	3308	233	3355
1011	0	263	0	0	0	4	0	0	0	40
3568	17	2142	0	0	1	42	15	341	0	0
3569	16	8	0	0	48	11	18	12	1	2
3571	0	0	0	0	0	0	2	505	0	0
3573	8	645	0	0	0	0	2	450	0	0
3575	15	285	0	0	0	0	3	18	7	321
3578	1	300	0	0	0	0	1	124	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	57	0	0	0	0	1	163	5	109
3588	6	1440	0	0	0	0	4	395	2	162
3589	1	21	0	0	0	0	0	0	0	0
3590	26	5527	0	0	0	0	4	78	1	158
3594	0	0	0	0	0	0	0	0	0	0
3595	15	1643	0	0	0	0	0	0	0	0
3598	141	11640	0	0	0	0	3	624	4	107
FNM YTD	248	23972	0	0	49	57	53	2710	20	898
TOT YTD	973	45003	190	532	252	325	486	6017	253	4254

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	1	42	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	3	249	0	0	3	60	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	84	1	31	2	90	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	43	0	0	0	0	0	0
3276	1	371	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	2	67	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	1	62	0	0	0	0	0	0	0	0
3525	0	0	0	0	3	382	1	13	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	1	310	1	37	5	203	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	2	405	1	198	9	334	1	15	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	2	202	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	1	37	0	0	0	0	7	50	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	7	118	0	0	0	0
3551	8	479	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	2	598	0	0	0	0
3565	8	218	0	0	2	31	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	2	6	1	20	0	0	0	0
4000	58	692	15	105	36	307	5	15	0	0
5000	0	0	357	375	831	519	19	11	0	0
CUT YTD	84	2906	378	797	906	2972	33	104	0	0
1011	0	0	0	2	0	130	0	29	0	0
3568	0	0	1	5	1	12	1	8	0	0
3569	0	0	70	31	237	80	0	0	0	0
3571	0	0	4	283	4	542	0	0	0	0
3573	1	5	0	0	0	0	0	0	0	0
3575	2	39	18	549	17	211	4	52	0	0
3578	0	0	1	34	1	48	0	0	0	0
3582	2	170	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	9	268	2	64	0	0	2	20
3588	1	238	5	79	0	-	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	12	382	8	1016	0	0	0	0
3594	0	0	0	0	1	29	0	0	0	0
3595	0	0	0	0	1	101	0	0	0	0
3598	2	1204	0	0	1	50	2	316	0	0
FRM YTD	8	1655	120	1633	273	2282	7	405	2	20
TOT YTD	92	4561	498	2430	1179	5254	40	509	2	20

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1987

674:	EGYPT UNITS	EGYPT $000	REP. S. AFR UNITS	REP. S. AFR $000	OTH. AFRICA UNITS	OTH. AFRICA $000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	1	18
3276	0	0	0	0	0	0
3277	0	0	0	0	1	20
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	1	65	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	1	70
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	2	5	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	13	173	0	0
3533	0	0	0	0	0	0
3538	1	50	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	1	5
3559	0	0	0	0	0	0
3565	0	0	0	0	1	16
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	13	74	3	60
5000	1	2	100	58	17	7
CUT YTD	4	57	127	369	25	196
1011	0	14	0	0	0	0
3568	0	0	10	50	1	5
3569	0	0	8	15	0	0
3571	0	0	0	0	1	50
3573	0	0	0	0	0	0
3575	80	358	0	0	0	0
3578	0	0	0	0	1	34
3582	0	0	0	0	0	0
3583	1	28	1	495	0	0
3584	1	10	0	0	2	571
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	1	40
3594	0	0	0	0	0	0
3595	0	0	0	0	1	294
3598	0	0	1	4	1	1911
FRM YTD	82	410	20	564	8	2906
TOT YTD	86	467	147	933	33	3101

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
JUNE 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	2	49	0	0	2	49
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	4	91	10	251	14	342
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	1	518	0	0	1	518
ICELAND	19	10	0	3	19	14
MALTA	0	0	0	0	0	0
NORWAY	199	195	19	432	218	627
PORTUGAL	2	167	12	494	14	661
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	227	1030	41	1180	268	2210
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	2	3	2	3
BARBADOS	2	5	0	0	2	5
BELIZE	200	5	0	0	200	5
BERMUDA	0	0	1	15	1	15
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	62	418	40	107	102	525
DOMINICAN REP.	46	74	29	117	75	191
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	34	137	1	22	35	159
HAITI	1	14	0	37	1	51
HONDURAS	5	26	0	4	5	30
JAMAICA	4	35	7	47	11	81
LW & WW IS.	3	21	0	0	3	21
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	2	3	0	0	2	3
PANAMA	16	351	0	333	16	684
SALVADOR	5	33	0	49	5	82
TRINIDAD	29	50	2	20	31	70
TURK ISLAND	1	7	0	0	1	7
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	410	1179	82	753	492	1931
OTHER SOUTH AMERICA						
BOLIVIA	5	12	0	0	5	12
CHILE	40	470	5	288	45	758
ECUADOR	76	197	280	115	356	312
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	4	20	0	0	4	20
PERU	30	90	15	51	45	140
SURINAM	0	0	0	0	0	0
URAGUAY	3	23	2	26	5	49
OTHER S. AM.	0	0	0	0	0	0
TOTAL	158	811	302	480	460	1291
OTHER OCEANIA						
FR. PAC. IS.	0	0	2	20	2	20
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	2	20	2	20

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
JUNE 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	46	31	1	34	47	65
BAHRAIN	0	0	0	0	0	0
BANGALDESH	6	7	0	0	6	7
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	3	6	0	0	3	6
JORDAN	88	28	0	0	88	28
KUWAIT	36	236	1	26	37	262
LEBANON	0	0	0	0	0	0
MALAYSIA	2	6	53	923	55	929
NEPAL	0	0	0	0	0	0
OMAN	18	13	0	0	18	13
PHILIPPINES	117	300	46	75	163	375
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	62	171	19	575	81	747
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	378	797	120	1633	498	2430
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	2	75	2	2205	4	2280
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	1	171	1	171
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	2	18	0	0	2	18
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	2	450	2	450
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	19	80	1	5	20	85
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	1	40	1	40
TOGO	0	0	0	0	0	0
TUNISIA	0	0	1	34	1	34
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	1	20	0	0	1	20
ZIMBABWE	1	2	0	0	1	2
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	25	196	8	2906	33	3101

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

RELEASED: SEPTEMBER 18, 1987

		TOTAL UNITS	YTD. $000
674:	METAL CUTTING		
3025	Gear Hobbers	48	6845
3035	Gear Shapers	20	4165
3045	Gear Cutting Machines, N.E.C.	14	1165
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	883	76833
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	142	13193
3409	Horizontal Machining Centers, ATC, NC	355	52854
3411	Machining Centers, NC, N.E.C.	280	32331
3412	Single Station and Multi-Station Transfer Machines	26	9867
3413	Way Type Machines, (Unit Heads)	3	179
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	2288
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	44	11989
3419	Vertical Boring-Drilling-Milling Machines, NC	98	8520
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	16	701
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	78	2220
3328	Drilling Machines, NC	79	3757
3329	Drilling Machines, Multi-Spindle, Non-NC	23	1151
3334	Drilling Machines, Radial, Non-NC	98	526
3336	Drilling Machines, Upright, Single Spindle, Non-NC	19	168
3342	Drilling Machines, Non-NC, N.E.C.	276	8818
3464	Milling Machines, NC	374	17787
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	8	652
3467	Milling Machines, Knee Type, Non-NC	1717	9923
3468	Milling Machines, Bed Type, Non-NC	111	2165
3469	Milling Machines, Non-NC, N.E.C.	487	8315
3476	Vertical Boring Machines, Incl. VTL's, NC	10	2011
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	54	1330
3481	Boring Machines, NC, N.E.C.	23	2542
3483	Boring Machines, Non-NC N.E.C.	165	5182
3504	Horizontal Lathes, Multi-Spindle, NC	43	4198
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	1613	81965
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	238	22942
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	124	9893
3512	Horizontal Engine & Toolroom Lathes, Non-NC	1540	12358
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	57	1632
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	22	4046
3515	Automatic Bar Machines, Single Spindle, Non-NC	19	840
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	43	1810
3518	Horizontal Lathes, Non-NC, N.E.C.	163	2278
3505	Vertical Lathes, Multi-Spindle, NC	66	5128
3519	Vertical Lathes, NSPF, NC	152	15056
3522	Vertical Lathes, Excl. VTL's, Non-NC	491	9799
3527	Gear Tooth Grinding & Finishing Machines	151	15595
3528	Tool & Cutter Grinding Machines, NC	17	848
3529	Tool & Cutter Grinding Machines, Non-NC	514	8882
3533	Honing & Lapping Machines	136	5981
3539	Grinding Machines, Flat Surface, NC	37	2596
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	84	1593
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1185	14687
3546	Grinding & Polishing Machines, NC, N.E.C.	95	16432
3554	External Grinding Machines, Non-NC	148	5121
3556	Internal Grinding Machines, Non-NC	6	202
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	44	4155
3559	Grinding Machines, Non-NC, N.E.C.	912	34464
3562	Traveling Wire Electrical Discharge Machines	279	19941
3564	All Other Electrical Discharge Machines	188	8474
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	47	5840
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	71	1649
3576	Metal Cutting Machines Tools, NC, N.E.C.	42	66710
3577	Sawing & Cut-Off Machines, Non-NC	2725	23439
3578	Broaching Machines, Non-NC	32	1082
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	737	24342
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2093	11521
5000	Metal Cutting Machine Tools, Less Than $2500**	553646	48947
	TOTAL CUTTING	573216	781976
674:	METAL FORMING		
1010	Die Casting Machines	221	15374
3582	Metal Forming Machine Tools, Used or Rebuilt	358	4502
3583	Metal Forming Machine Tools, Less Than $2500	13144	4445
3584	Punching and Shearing Machines, Incl. Combination, NC	194	26842
3586	Shearing Machines, Non-NC	397	8691
3587	Punching & Combination Punching & Shearing Machines, Non-NC	409	6350
3588	Bending, Folding, Straightening & Flattening Machines, NC	82	7678
3589	Press Brakes, Non-NC	409	11643
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	48	802
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	556	13044
3593	Metal Forming Machine Tools, NC, N.E.C.	62	18104
3594	Mechanical Presses, Non-NC	866	39726
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	71	1845
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	343	64197
3597	Headers & Upsetters, Non-NC	81	3207
3598	Forging Machines, Non-NC, N.E.C.	79	3901
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	683	32225
	TOTAL FORMING	18003	262592
	TOTAL ALL TYPES	591219	1044568

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

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	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	6	350	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	1	69	2	420	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	2	175	0	0
3411	0	0	0	0	0	0	0	0	2	350
3412	0	0	0	0	0	0	0	0	1	546
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	3	1656
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	1	39	0	0	6	429
3422	0	0	0	0	0	0	0	0	2	48
3423	0	0	0	0	0	0	0	0	5	1398
3328	2	10	0	0	0	0	0	0	0	0
3329	0	0	0	0	1	5	1	9	1	10
3334	0	0	0	0	0	0	0	0	1	16
3336	0	0	0	0	0	0	0	0	7	83
3342	0	0	0	0	0	0	10	379	48	1187
3464	1	20	0	0	0	0	130	3008	13	750
3466	0	0	0	0	0	0	0	0	4	497
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	5	116
3469	22	123	0	0	1	33	3	91	34	1089
3476	0	0	0	0	0	0	0	0	1	120
3477	0	0	0	0	0	0	0	0	44	363
3481	0	0	0	0	0	0	0	0	1	234
3483	0	0	0	0	3	96	0	0	67	761
3504	0	0	0	0	0	0	0	0	5	30
3506	0	0	0	0	0	0	1	85	3	33
3508	0	0	0	0	0	0	3	176	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	19	183	0	0	0	0	0	0	2	285
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	5	60	0	0	0	0	4	105	3	12
3505	0	0	0	0	0	0	1	437	0	0
3519	2	270	0	0	0	0	0	0	0	0
3522	87	1352	1	25	0	0	2	13	7	725
3527	0	0	0	0	0	0	0	0	9	131
3528	0	0	0	0	0	0	0	0	11	285
3529	0	0	8	153	0	0	3	40	30	354
3533	0	0	0	0	0	0	0	0	2	41
3539	1	422	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	53	633
3543	0	0	0	0	4	109	3	21	75	1716
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	16	52
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	7	198
3559	6	431	5	28	38	241	38	165	166	2658
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	1	326
3571	0	0	0	0	0	0	0	0	1	46
3576	0	0	0	0	0	0	0	0	1	27
3577	4	25	0	0	1	13	5	66	58	525
3578	0	0	0	0	0	0	0	0	8	481
3579	4	346	0	0	1	51	8	215	34	1196
4000	16	102	5	59	6	25	28	263	140	1246
5000	999	546	514	83	1676	119	2080	1100	2447	894
CUT YTD	1169	3958	541	1119	1732	730	2322	6346	3324	21546
1010	2	67	1	4	0	0	0	0	12	585
3582	0	0	3	43	0	0	1	15	68	467
3583	19	4	159	51	1	2	258	232	1154	409
3584	0	0	0	0	0	0	0	0	0	0
3586	1	40	48	1138	0	0	10	198	34	782
3587	0	0	0	0	1	10	1	3	11	715
3588	0	0	1	605	2	113	3	148	24	1216
3589	0	0	36	1711	0	0	5	158	12	267
3591	0	0	2	7	0	0	0	0	4	45
3592	1	99	10	249	0	0	6	326	78	1277
3593	0	0	0	0	0	0	1	38	3	90
3594	0	0	0	0	0	0	1	185	10	3559
3595	0	0	0	0	0	0	0	0	8	79
3596	0	0	0	0	0	0	4	73	13	473
3597	0	0	1	17	0	0	0	0	29	1226
3598	3	59	0	0	0	0	1	22	5	773
3599	10	810	27	1376	2	51	32	984	74	1984
FRM YTD	36	1080	288	5201	6	176	323	2383	1539	13946
TOT YTD	1205	5037	829	6320	1738	905	2645	8728	4863	35491

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	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	3	122
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	2	50	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	4	1529	0	0	0	0	1	359	1	1143
3411	1	168	0	0	0	0	0	0	22	3682
3412	0	0	0	0	0	0	0	0	14	2516
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	3	1482
3422	0	0	0	0	0	0	0	0	2	33
3423	0	0	0	0	1	7	0	0	4	44
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	14	83	47	242	0	0	0	0
3336	0	0	0	0	0	0	2	9	0	0
3342	0	0	0	0	11	38	6	16	1	245
3464	0	0	0	0	0	0	1	321	2	531
3466	0	0	0	0	0	0	0	0	0	0
3467	14	58	0	0	491	3000	1	73	0	0
3468	0	0	0	0	21	301	0	0	0	0
3469	0	0	0	0	47	889	9	880	3	393
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	3	115	0	0	1	443
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	28	102	1	3	5	1324
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	1	161	1	641
3510	0	0	0	0	0	0	3	344	11	193
3512	0	0	0	0	15	546	0	0	0	0
3513	0	0	0	0	0	0	0	0	2	105
3514	0	0	0	0	0	0	0	0	5	1336
3515	0	0	0	0	7	118	0	0	7	250
3516	2	345	0	0	0	0	0	0	27	388
3518	0	0	0	0	0	0	0	0	6	171
3505	0	0	0	0	1	60	0	0	1	160
3519	0	0	0	0	0	0	5	1020	2	325
3522	0	0	0	0	5	230	1	218	9	582
3527	0	0	0	0	3	33	0	0	43	4018
3528	0	0	0	0	0	0	0	0	2	198
3529	3	31	0	0	3	233	2	15	36	504
3533	0	0	0	0	0	0	0	0	11	213
3539	0	0	0	0	1	31	0	0	10	324
3541	0	0	0	0	1	7	0	0	0	0
3543	0	0	0	0	2	57	3	43	10	545
3546	0	0	0	0	1	44	0	0	15	2910
3554	0	0	0	0	1	33	5	525	60	1759
3556	0	0	0	0	0	0	0	0	0	0
3558	11	206	0	0	0	0	3	606	5	1086
3559	28	759	0	0	9	155	13	926	68	3975
3562	0	0	0	0	0	0	0	0	33	2718
3564	0	0	0	0	8	277	0	0	14	1508
3567	0	0	0	0	0	0	0	0	2	66
3571	1	239	0	0	0	0	4	39	0	0
3576	0	0	0	0	0	0	0	0	5	347
3577	11	38	3	70	16	187	3	45	2	54
3578	0	0	0	0	0	0	0	0	0	0
3579	12	686	1	18	27	260	17	135	20	438
4000	3	11	1	4	27	214	31	143	92	1341
5000	339	358	52	87	442	169	987	783	5094	252
CUT YTD	429	4428	71	261	1220	7398	1099	6662	5654	38361
1010	0	0	0	0	0	0	0	0	8	7
3582	3	22	0	0	0	0	5	65	13	102
3583	64	23	0	0	8	7	1145	125	404	183
3584	3	429	0	0	0	0	0	0	24	4438
3586	3	55	7	105	14	106	1	304	1	21
3587	1	8	0	0	17	112	42	739	3	276
3588	0	0	0	0	0	0	0	0	6	164
3589	6	170	21	273	2	31	2	108	0	0
3591	0	0	0	0	0	0	33	673	0	0
3592	1	294	1	12	1	153	39	572	41	1240
3593	0	0	0	0	0	0	0	0	4	134
3594	0	0	0	0	0	0	1	341	2	396
3595	1	11	0	0	0	0	1	108	0	0
3596	1	37	0	0	1	222	9	1031	2	955
3597	0	0	0	0	0	0	0	0	0	0
3598	12	238	0	0	0	0	0	0	12	66
3599	4	193	0	0	21	312	3	32	25	1799
FRM YTD	99	1478	29	391	64	944	1281	4098	545	9783
TOT YTD	528	5906	100	651	1284	8342	2380	10760	6199	48144

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	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	34	5729	0	0	0	0	0	0
3035	0	0	11	3046	0	0	0	0	0	0
3045	2	22	3	415	0	0	0	0	0	0
3404	33	1545	20	2068	0	0	0	0	0	0
3406	4	332	1	102	0	0	0	0	0	0
3409	21	1242	22	3586	0	0	0	0	0	0
3411	13	1222	24	10145	0	0	0	0	0	0
3412	0	0	10	6529	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	3	484	10	7214	0	0	1	25	0	0
3419	0	0	74	5332	0	0	1	18	0	0
3422	1	138	3	222	4	214	0	0	0	0
3423	10	339	2	40	0	0	1	3	0	0
3328	1	18	3	504	0	0	1	80	0	0
3329	0	0	5	409	0	0	0	0	0	0
3334	1	15	1	9	0	0	0	0	1	7
3336	0	0	10	76	0	0	0	0	0	0
3342	13	716	40	2257	1	7	29	374	2	11
3464	76	2559	17	2455	0	0	0	0	0	0
3466	0	0	2	7	0	0	0	0	0	0
3467	64	1247	2	170	0	0	0	0	0	0
3468	21	280	1	214	0	0	0	0	0	0
3469	1	5	21	678	0	0	3	1421	0	0
3476	0	0	4	1034	0	0	0	0	0	0
3477	0	0	2	38	0	0	0	0	0	0
3481	2	748	10	493	0	0	0	0	0	0
3483	3	581	23	774	1	70	17	671	0	0
3504	3	148	3	515	0	0	0	0	0	0
3506	282	2795	17	2772	0	0	3	68	0	0
3508	9	907	17	2190	0	0	0	0	0	0
3510	0	0	6	979	0	0	0	0	0	0
3512	367	3448	0	0	0	0	11	145	23	169
3513	1	10	1	73	0	0	0	0	0	0
3514	0	0	4	1854	0	0	0	0	0	0
3515	0	0	1	353	0	0	0	0	0	0
3516	5	594	0	0	0	0	8	276	0	0
3518	7	134	0	1	122	1230	2	92	0	0
3505	0	0	2	292	0	0	0	0	18	128
3519	0	0	11	3412	0	0	2	120	0	0
3522	49	596	20	1326	2	52	11	682	86	372
3527	6	333	40	10341	0	0	0	0	0	0
3528	0	0	2	127	0	0	0	0	0	0
3529	98	2195	102	2372	0	0	15	220	0	0
3533	57	526	58	4799	0	0	0	0	0	0
3539	2	330	6	513	0	0	1	89	0	0
3541	0	0	20	704	0	0	0	0	0	0
3543	170	1888	280	4122	57	510	55	304	0	0
3546	4	397	57	11066	0	0	0	0	0	0
3554	3	37	28	1654	0	0	0	0	0	0
3556	0	0	2	123	0	0	0	0	0	0
3558	7	501	7	1316	0	0	0	0	0	0
3559	117	6909	172	12485	0	0	15	200	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	4	24	6	740	0	0	0	0	3	16
3567	12	561	3	1378	0	0	0	0	0	0
3571	16	166	13	363	0	0	0	0	0	0
3576	3	100	4	712	0	0	0	0	0	0
3577	91	653	156	1793	12	48	87	1164	0	0
3578	12	414	9	84	0	0	0	0	0	0
3579	83	1893	183	8770	0	0	214	4115	0	0
4000	387	1241	204	2644	1	9	124	418	0	0
5000	3867	1290	22288	3570	14	34	3916	1755	12	23
CUT YTD	5921	39579	24077	136985	214	2174	4517	12238	145	726
1010	13	76	26	2902	0	0	105	1833	0	0
3582	68	341	59	634	0	0	44	492	0	0
3583	868	293	1855	838	0	0	579	254	0	0
3584	0	0	21	3464	0	0	0	0	0	0
3586	31	354	21	559	0	0	23	526	0	0
3587	3	263	83	2463	0	0	29	138	0	0
3588	3	156	23	3441	0	0	1	136	0	0
3589	1	8	0	0	0	0	67	1936	0	0
3591	0	0	1	12	0	0	2	12	0	0
3592	13	356	58	2797	0	0	195	3380	0	0
3593	0	0	24	973	0	0	3	251	0	0
3594	5	53	5	627	0	0	3	134	0	0
3595	1	17	28	1204	0	0	1	14	0	0
3596	29	6330	19	2631	0	0	47	690	0	0
3597	0	0	28	938	0	0	0	0	0	0
3598	8	221	25	2425	0	0	0	0	0	0
3599	27	1628	136	8718	0	0	126	5190	0	0
FRM YTD	1070	10096	2412	34626	0	0	1225	14983	0	0
TOT YTD	6991	49674	26489	171611	214	2174	5742	27221	145	726

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	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	4	619	1	25	0	0
3035	2	29	0	0	7	1090	0	0	0	0
3045	0	0	2	25	1	144	0	0	0	0
3404	0	0	0	0	736	69439	0	0	2	94
3406	0	0	0	0	98	10949	2	105	0	0
3409	0	0	0	0	265	43359	0	0	1	54
3411	5	102	0	0	154	14381	5	225	1	50
3412	0	0	0	0	1	276	0	0	0	0
3413	0	0	0	0	3	179	0	0	0	0
3417	0	0	0	0	2	632	0	0	0	0
3418	2	53	0	0	26	4115	2	99	0	0
3419	0	0	0	0	4	286	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	2	8	0	0	4	115	0	0	0	0
3328	0	0	0	0	29	1899	0	0	0	0
3329	0	0	0	0	14	715	0	0	0	0
3334	4	20	0	0	1	4	4	25	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	59	2662	0	0	2	40
3464	0	0	0	0	62	7035	0	0	0	0
3466	0	0	0	0	1	38	0	0	0	0
3467	0	0	0	0	1	23	0	0	80	399
3468	0	0	0	0	1	5	7	78	0	0
3469	81	349	0	0	25	1322	2	34	0	0
3476	0	0	0	0	3	742	2	116	0	0
3477	1	33	0	0	3	338	0	0	0	0
3481	0	0	0	0	7	899	0	0	0	0
3483	0	0	0	0	15	657	0	0	0	0
3504	0	0	0	0	21	3474	0	0	0	0
3506	0	0	0	0	1029	70513	94	3498	16	158
3508	0	0	0	0	194	18287	13	580	0	0
3510	0	0	0	0	103	8337	1	41	0	0
3512	12	65	0	0	13	922	245	1401	96	889
3513	0	0	0	0	11	525	4	34	0	0
3514	0	0	0	0	13	857	0	0	0	0
3515	0	0	0	0	4	119	0	0	0	0
3516	0	0	0	0	1	206	0	0	0	0
3518	4	22	0	0	7	421	1	21	0	0
3505	0	0	0	0	38	3824	0	0	1	88
3519	0	0	0	0	108	9315	11	203	0	0
3522	6	39	0	0	42	1791	21	772	0	0
3527	2	12	0	0	16	313	8	267	0	0
3528	0	0	0	0	2	239	0	0	0	0
3529	1	8	0	0	47	1202	0	0	78	1195
3533	0	0	0	0	8	403	0	0	0	0
3539	7	417	0	0	8	457	0	0	0	0
3541	0	0	0	0	7	206	0	0	0	0
3543	8	35	0	0	177	2147	2	21	1	14
3546	0	0	0	0	18	2016	0	0	0	0
3554	1	4	0	0	14	841	0	0	0	0
3556	4	79	0	0	0	0	0	0	0	0
3558	0	0	0	0	4	242	0	0	0	0
3559	6	122	0	0	69	4286	0	0	0	0
3562	0	0	0	0	245	17214	0	0	0	0
3564	0	0	0	0	97	5398	0	0	0	0
3567	0	0	1	79	32	3312	0	0	0	0
3571	0	0	0	0	14	711	0	0	0	0
3576	0	0	0	0	28	65491	0	0	0	0
3577	0	0	12	586	2104	16326	0	0	0	0
3578	0	0	0	0	3	103	0	0	0	0
3579	0	0	0	0	116	6028	0	0	2	95
4000	36	232	1	9	370	1786	3	58	0	0
5000	1817	230	2	3	28306	4880	246	255	997	573
CUT YTD	2001	1858	18	803	34795	414114	674	7856	1277	3648
1010	0	0	0	0	49	7532	1	7	0	0
3582	0	0	0	0	89	2274	1	27	0	0
3583	196	9	0	0	2194	705	3	2	17	37
3584	0	0	0	0	144	18189	0	0	0	0
3586	0	0	40	749	116	3247	0	0	38	390
3587	0	0	0	0	218	1623	0	0	0	0
3588	0	0	6	104	11	912	0	0	0	0
3589	0	0	13	337	229	6353	0	0	6	155
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	1	9	61	2037	0	0	0	0
3593	0	0	0	0	23	16352	0	0	0	0
3594	0	0	0	0	832	34246	0	0	1	11
3595	0	0	0	0	4	98	0	0	22	267
3596	0	0	0	0	190	51479	2	16	0	0
3597	0	0	0	0	23	1026	0	0	0	0
3598	0	0	0	0	13	97	0	0	0	0
3599	0	0	0	0	154	5998	1	11	0	0
FRM YTD	196	9	60	1199	4350	152167	8	62	84	861
TOT YTD	2197	1866	78	2002	39145	566281	682	7918	1361	4509

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1987

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	3	69	0	0	0	0
3404	90	3637	0	0	0	0
3406	37	1705	0	0	0	0
3409	38	1408	0	0	0	0
3411	52	1967	0	0	1	40
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	8	322	0	0	1	611
3422	4	46	0	0	0	0
3423	49	265	0	0	0	0
3328	38	1109	0	0	5	136
3329	1	4	0	0	0	0
3334	24	105	0	0	0	0
3336	0	0	0	0	0	0
3342	41	651	4	35	9	202
3464	71	1094	0	0	1	15
3466	1	110	0	0	0	0
3467	963	4371	0	0	101	581
3468	55	1172	0	0	0	0
3469	226	964	0	0	9	46
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	1	67	0	0	2	100
3483	0	0	0	0	2	144
3504	11	32	0	0	0	0
3506	160	1891	1	10	7	142
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	702	3953	0	0	15	352
3513	38	885	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	1	6	0	0	1	4
3505	4	139	0	0	0	0
3519	9	341	0	0	2	51
3522	131	871	0	0	11	156
3527	23	125	0	0	1	24
3528	0	0	0	0	0	0
3529	87	357	0	0	1	3
3533	0	0	0	0	0	0
3539	1	12	0	0	0	0
3541	3	43	0	0	0	0
3543	310	2793	0	0	28	362
3546	0	0	0	0	0	0
3554	18	154	0	0	2	63
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	129	952	7	36	26	139
3562	1	9	0	0	0	0
3564	56	512	0	0	0	0
3567	0	0	6	118	0	0
3571	20	79	0	0	2	8
3576	1	35	0	0	0	0
3577	158	668	0	0	2	1078
3578	0	0	0	0	0	0
3579	13	83	0	0	2	14
4000	369	1403	6	12	243	305
5000	436927	30467	33	29	40591	1447
CUT YTD	440874	64873	57	240	41085	6021
1010	2	12	0	0	2	2350
3582	2	9	0	0	2	9
3583	4023	1004	27	6	170	262
3584	0	0	0	0	2	322
3586	1	5	1	14	7	100
3587	0	0	0	0	0	0
3588	0	0	0	0	2	684
3589	4	50	0	0	5	85
3591	6	54	0	0	0	0
3592	16	137	0	0	14	107
3593	0	0	1	122	3	144
3594	1	35	0	0	5	139
3595	3	31	0	0	2	15
3596	19	207	2	19	5	33
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	10	105	1	15	30	3019
FRM YTD	4087	1648	32	176	269	7270
TOT YTD	444961	66521	89	416	41354	13291

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
JUNE 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	52	335	0	0	52	335
EAST GERMANY	13	421	1	58	14	480
FINLAND	149	795	6	2691	155	3485
GIBRALTAR	0	0	0	0	0	0
GREECE	86	582	5	19	91	600
HUNGARY	6	110	4	108	10	219
ICELAND	0	0	0	0	0	0
IRELAND	1	7	2	689	3	696
MALTA	0	0	0	0	0	0
NORWAY	50	171	7	168	57	339
POLAND	41	383	0	0	41	383
ROMANIA	17	309	3	18	20	327
USSR	2	1078	0	0	2	1078
OTHER EUROPE	0	0	0	0	0	0
TOTAL	417	4191	28	3751	445	7942
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	1	56	1	56
DOMINICAN REP	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS	0	0	0	0	0	0
MEXICO	39737	1286	171	476	39908	1763
NICARAGUA	0	0	0	0	0	0
N. ANILLES	0	0	0	0	0	0
PANAMA	1	1	0	0	1	1
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	39738	1288	172	532	39910	1820
OTHER SOUTH AMERICA						
ARGENTINA	9	182	0	0	9	182
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	1	1	0	0	1	1
URAGUAY	0	0	0	0	0	0
VENEZUELA	1	3	0	0	1	3
OTHER S. AM.	0	0	0	0	0	0
TOTAL	11	188	0	0	11	188
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	10	12	36	2709	46	2721
SAMOA	0	0	0	0	0	0
TERR. PAC. IS	0	0	0	0	0	0
OTH. PAC. IS	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	10	12	36	2709	46	2721

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
JUNE 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	864	167	7	77	871	244
INDIA	8	41	7	5	15	46
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	1	2	1	2
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	1	4	0	0	1	4
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	3	32	3	32
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	20	99	0	0	20	99
TOTAL	893	310	18	116	911	426
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	7	26	0	0	7	26
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	7	3	0	0	7	3
NIGERIA	0	0	0	0	0	0
REP S AFRICA	1	2	15	162	16	164
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S W AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	1	3	0	0	1	3
TOTAL	16	33	15	162	31	195

SOURCE U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO IM146, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500 2)N.E.C. - NOT ELSEWHERE CLASSIFIED 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.